



# OREGON

# TUALATIN

# OCT. 1983

# VALLEY

## AMATEUR RADIO CLUB

PO Box 5132 Beaverton, Oregon 97006

**Next meeting: WEDNESDAY, OCTOBER 12. BEAVERTON ELKS LODGE**

President:	Bert Schmidt	W7JWG	Trustee:	Al Berg	WB7SIC
Vice-Pres:	Doc Miller	KA7BSD	Trustee:	Randy Cobb	KA7HJT
Secretary:	Linda Cereghino	N7CZY	Trustee:	Warren Knight	N7BIJ
Treasurer:	John Koenig	NB7W	Trustee:	Bob Orr	KB7CC
			Trustee:	Dick Powers	WB7ADM

**EDITOR: Al Berg WB7SIC**

**CIRCULATION: 250**

## NEW MEETING DAY AND PLACE

**DETAILS INSIDE** 

## RUSTY KEY NITE

**10 METER RUSTY KEY RULES:** Thurs., Oct. 20, 7:00pm to 10:00pm, 28.1MHz. to 28.2MHz.

**\*OBJECTIVE:** To work as many stations as possible during contest period and in so doing promote the spirit of friendly competition and sportsmanship. To improve our proficiency in C.W. and give all OTVARC members a chance to meet new friends. New or inexperienced operators are especially invited to participate.

**\*EXCHANGE:** Call, name, and RST. Signatures will count extra.

**\*MULTI-OP** Stations are O.K. one transmitter, and one receiver only. Control ops of novice or tech. multi-op stations must operate for reasonable part of contest.

**\*SCORE:** Add 2 points per station contacted. Add 2 points for each operator worked during the contest that you meet in person and obtain their signature. Signatures must be collected on separate papers and submitted attached to log. Do not discuss your score with others involved with the contest. Contest is not restricted to club members. Duplicate contacts do not count even if with different operator.

**\*LOGS:** Use your choice of log, or pick up log and rules sheet at club meeting. Logs and signatures are due postmarked no later than December 20, 1983. Send logs to:

OTVARC, P.O. Box 5132, Beaverton, OR 97006.

**\*IZES:** Once again the coveted RUSTY KEY plaques will be awarded to the contest winner, runner up, and Novice/Technician High score. Also presented will be most CONGENIAL OPERATOR rotating TROPHY, courtesy Antronics of Oregon, please vote for the operator you feel qualifies for this on the bottom of your log. A drawing from submitted logs will determine the winner of an additional prize. Everyone who submits a log will receive a special RUSTY KEY certificate, and recognition in OTVARC NEWSLETTER.



# NEW MEETING PLACE

## BEAVERTON ELKS LODGE

3500 SW 104th AVE. BEAVERTON

## SECOND WEDNESDAY



## BUFFET DINNER AVAILABLE

DINNER AT 6:30--MEETING AT 7:00

### PLEASE READ

The first thing you need to know is how to get in the place and when in, what to do. The lady at the check-in counter by the front door will unlock the door for you and then you must CHECK your name off of a club roster. DO NOT cross off your name! Put a check mark beside it. Any member who is an Elk must sign in on a separate list which will be provided by the Lodge. We need as many Elk members as we can get. Why? It will be explained at the meeting. Once you have signed in you are free to roam the Lodge. With one exception! The mens bar is a no-no unless you are an Elk. Everywhere else is ok. They are VERY strict in enforcing the mens bar rule and if someone decides to test it out, we could lose our new meeting place very quickly. I have been told that the buffet will be set up by 6:15 so if you want an early start and don't like lines, get there at 6:15. They will provide more than one main course and of course there should be choices of salad. The price for the complete dinner, which includes beverage and tip is \$5.00. The food is excellent and well worth the money. When you head for our meeting area you will pass through the bar and then will see a buffet line. That is not our buffet line. Ours will be set up in our room. Don't get in the wrong line. That one might cost more. Hi! After the meeting is over, we are welcome to stay and sip a cool one (or 2). As stated, we have the run of the place so the regular bar is open to us. Some of our long time members may recall that while we were at Norths you occasionally got pushed to have dinner. Well, as this is our first meeting at the Elks, we would like to make a good first impression. They certainly expect to make a few bucks on us and if we have a good member response, everybody will be happy. Your help in the past has been very good and, quite surely, it will continue. Hope that we have a real good turnout and enjoy the new room. Look forward to seeing you!!!

July, 1983

OREGON TUALATIN VALLEY AMATEUR RADIO CLUB, INC.

Proposed amendments to the Constitution and By-Laws

Constitution:      Article II, Section D

Officers may be removed by a three-fourths (3/4) vote of the Charter and regular membership.

Amend to:            Officers may be removed by a two-thirds (2/3) vote of the regular membership present at a meeting.

-----

By-Laws:            Item 4 LIFE MEMBERSHIP

Is open to any member upon reaching the age of retirement, after five years of active paid membership. There is no other provision for life membership.

Amend to:            Is open to any member upon reaching the age of sixty-two (62), and after five years of active paid membership. There is no other provision for life membership.

-----

By-Laws:            Item 5 EXPULSION

For due cause may result only by a three-fourths (3/4) vote of the full membership. Any member can be expelled for due cause.

Amend to:            For due cause may result only by a two-thirds (2/3) vote of the full membership. Any member can be expelled for due cause.

-----

By Laws:            Item 7 RESIGNATION OF ALL OFFICERS

Shall be in writing unless disqualified by expulsion or derelection of duty as voted upon two-thirds vote of the full membership.

Amend to:            Shall be in writing unless disqualified by expulsion or derelection of duty as voted upon by two-thirds (2/3) of the full membership present at a meeting.

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- - - OVER - - -

By-Laws:

Item 10a NOMINATION AND ELECTION OF OFFICERS  
shall be as follows:

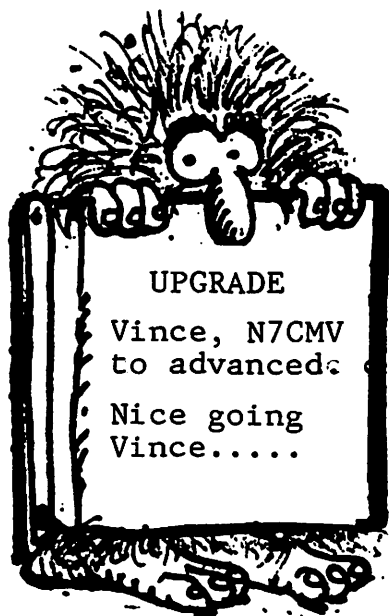
Prior to annual elections, the president shall appoint the immediate past president, or the highest ranking officer not running for re-election, to chair the nominating committee. The chairperson shall then select two members, not current officers, to serve on the committee. The two members selected must have been OTVARC members for a period of at least one year. The nominating committee shall nominate ONE candidate for each officer position. Additional nominations may be from the floor.

Amend to:

NOMINATING COMMITTEE:

Prior to the annual elections, the president shall appoint the immediate past president, or the highest ranking officer not running for re-election, to chair the nominating committee. The chairperson shall then select two members, not current officers, to serve on the committee. The two members selected must have been OTVARC members for a period of at least one year. The Committee must present at least one, but not more than four screened candidates for each office. The committee is directed to present their nominations without comment or endorsement. The list of nominees presented by the nominating committee must be confirmed by a motion to accept from the floor. The nominations must be presented by the Nominating Committee at the regular October meeting and published in the November newsletter.

- - - END - - -

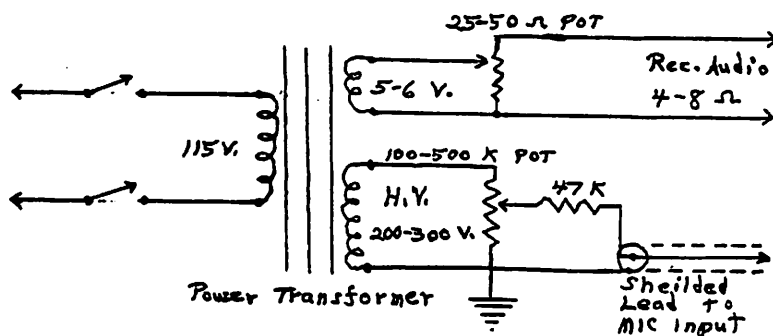


from the drawing board of W7GVD...

A SIMPLE PHONE PATCH

Here is a simple but very good phone patch. It requires a minimum of parts which most Hams have in the "junk box". The basic part is an old receiver power transformer, not defective!! Three windings are used...The 115 V. primary connects to the telephone line. A filament winding, 5 or 6 V. connects to the receiver voice coil output. A high voltage winding will go to the high impedance mike input of the transmitter. Pots are used to adjust levels. I have used this system for about 30 years.

73, Frank, W7GVD







The computer revolution is taking a toll of marriages. Husbands rushing home to their "Apple", not the wife, bode ill for most. The toll will grow in the next several years, studies show. By 1985, 7 million home computers will have been sold, and many will be the cause of otherwise normal husbands (or wives) becoming "computer crazies."

Being married to such a computer nut is worse than putting up with a football nut - there is a beginning and an end to football, but not to computer itch. On the other hand, some wives have decided that if you can't beat 'em, you can join 'em - so they become "computer crazies" too.

Perhaps if you fear you are joining these ranks, you should program your computer to remind you to take breaks, to spend some time with the family, to tell you to go and talk to your spouse.

Or you can program it to figure out your alimony payments

## GOODBYE WORLD--HELLO BELIZE

What the heck is all this about? Well, a friend asked me if I wanted to take part in a dx-pedition and I told him NO. A little later he asked me again and the wife said 'why don't you go?' After I picked myself up off the floor, I had the catch thrown at me. I had to raise the money outside of the regular income. Well, I don't think she really thought I could do it and, tell the truth, I had some grave doubts myself. As time passed, it looked like I might make it so I asked a number of people if they would like to go along. Had about five guys and one gal interested but eventually, they began to back out. EXCEPT for the gal. Now you just don't go home and tell the wife that you are going to the Caribbean with another lady. At least not normally. But, contrary to what you might think, the roof is still on the house and no bruises were incurred. Everything is cool. Oh yes, Susan Benson, N7EPE, is the gal. We will be taking a night flight to Houston and will arrive in time for breakfast. The rest of the gang will hit Houston at various times in the morning and about 2:00 pm the flight to Belize takes off. In the city of Belize we transfer the dozen or so people and the gear via a six passenger plane. Several trips, of course. Can you imagine 12 people with luggage, somehow packing 7 hf rigs, 4 1kw amps, 3 beams, 2000' of coax, 4 verticals, a complete computer system, line cords and all of the numerous things one needs to put together 5 stations? It makes getting ready for field day look like a picnic! There is no point in telling you all about the place as a slide presentation will be put together and shown. One comment more. CQ magazines Oct. issue has a short story on the trip and, while not totally accurate, will give you more info. John Attaway, K4IIF, who is Chairman of the CQ Worldwide DX contest commi ttee, will be there so we can most likely expect to see some good magazine coverage of the contest operation. No more rumors! We will be there. More details below. WB7SIC

### BELIZE OPERATION 1983

23 OCT 83 0000Z - 3 Nov 83 2300Z. OPERATORS ARE N6ADI, WA6VNR, W6SID, K4EIH, K4IIF, NA6T, AA6DX, WD5JEA, WB7SIC and one YL operator. CQWW DX TEST CALL SIGN IS V3Ø, special prefix for BELIZE. COMMEMORATING WORLD COMMUNICATIONS YEAR. OTHER CALL SIGNS WILL BE USED BEFORE AND AFTER CONTEST ARE: V3DX, V3CW, V3CQ, V3T, V3XR, V3EEB, V3SID plus more. Special CALL SIGN V3YL by YL operator. Announced frequencies for the contest are : 3.805, 7.205, 14.205, 21.305, 28.505 They will also be QRV 6 meters during entire stay with 100 watts and beam. CW and phone operations before and after contest by all. Will give you 5 band DXCC QSO's on request. During contest CW QST station announcing V3Ø operating frequencies 5 KC's from bottom of CW band. One year of planning and some hot operators promises to make this a good one. ALL QSL CARDS GO TO N6ADI QSL MANAGEMENT SERVICES, N6ADI callbook address. He also enjoys stamp collecting. SASE & IRC's a must for QSL.....CU from V3..... PHONE NUMBER FOR SCHEDULES (NO COLLECT CALLS ACCEPTED) 011-501-0262071:.....





# NEWS

UPGRADE  
Randy, KC7YS to  
extra and new call  
of KZ7T.  
CONGRATS !!

WHO SAID THAT .....

"No worries, boss. Nobody's going to buy those little Japanese cars."

"Who on earth would want six bottle of the same thing in a package with a handle on it?"

"Watches with no hands? You're crazy!"

"Oh, come on. Don't tell me they can put music on Scotch tape."

## FCC Authorizes Volunteer Amateur Exams

In a landmark decision, the Commission has adopted a Report and Order establishing volunteer testing (both preparation and administration of exams) for Amateur Radio Operator licenses above the Novice Class level. This change will offset the limitations and opportunities for Amateurs to take the examinations that has resulted from funding and personnel cutbacks within the FCC.

The Report & Order adopted September 22nd at the FCC Commissioners provides for written examinations to be administered by three person teams of examiners who will report to regional Volunteer Examiner Coordinators. (VEC) The VEC's will assist in an orderly flow of information to and from the Commission, coordinate the efforts of volunteer examiners and minimize the likelihood of fraud and abuse.

## HOW I (ALMOST) WON...

Last year was my first experience with a contest. I studied the rules carefully but the fact that I was a Novice and the fear of the unknown put FRIGHT in my body! One way to tackle the problem was to ask lots of people what to say and do on the air. The bottom line was always the same but said in many different ways...Make your exchanges short and make them often. Here is what I did last year: Most of the CQ's I heard went like this...

"CQ CQ RK CQ CQ RK DE W7JOI W7JOI K" If no response in about 5 seconds it was repeated. A response back might be:

"W7JOI DE KA7NPN KA7NPN K" give his call once and yours twice at the speed you expect him to send back (never faster than his original speed)...He will recognize his call easily, it's your call you want to get across and at the speed you want him to transmit. Faster operators will slow down, most operate slow anyway as the contest name implies, it's a chance to exercise the Rusty Key and the linkage to the Gray Matter.

To get things started, for my first contest, at 7:00 sharp I quickly tuned around for and answered the strongest CQ I could copy. This got me off the ground and reduced my heart rate and sweaty palms. Remember there are only three things you need to know, Callsign, Name and RST. The answer to my call was generally one of the following:

1)"R R KA7NPN UR 5NN 5NN ES NAME IS JIM JIM QSL? K" or

2)"KA7NPN UR 5NN ES JIM JIM QSL? BK" ("BK" here means go ahead)

all the info is there and he is asking "QSL?" did you copy all? You bet! So you reply:

1)"R R UR 5NN 5NN ES NAME IS DEE DEE QSL? BK" or

2)"R UR 5NN ES DEE DEE TNX 73 DE KA7NPN K"

His response if he got all your information:

1)"BK R ES TNX QRZ QRZ DE W7JOI W7JOI K" or

2)"R R ES 73 CQ CQ RK DE W7JOI W7JOI K"

And if he missed something: "BK PSE RPT NAME BK" (DON'T send "R" if you miss something).

You answer: "BK R NAME DEE DEE BK" Etc. Remember it was his CQ so it's still his frequency.

These seem to be the most common techniques to work with. There are variations, even shorter, but they all contain the same information, some are just a little faster.

After answering someone else's CQ's, I sent a bunch of my own. I stayed on one frequency for most of the contest. I found the beginning and end busy and the middle slow. When it's slow, keep trying. An occasional contact is better than no contact at all.

When I joined the club last year, it was during the second phase of the contest, gathering signatures, what a great way to meet other people. Join us and help make this the largest RUSTY KEY contest yet. See you on and off the air...TNX ES 73 DE KA7NPN QSL?



## IMPORTANT

Deadlines are an editors curse. Putting together the bits and pieces that make up a newsletter may 'look' easy but it isn't. I don't want to discourage members from making a submission for print but I must stand fast in insisting that they be on time. I will no longer hold open space for any promised article unless the article itself is in my hands no later than 2 WEEKS after the prior meeting. If a last minute idea comes up, please call but do not expect space. No matter HOW important! Sorry about this but just as your time is valuable, so is mine!! WB7SIC

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N6AIC  
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## NO MORE TEARS

(he finally won)



August's HAPPY HOUR results are in, with a tie for runner up. Please note that the winner used a HT and 5/8 wave antenna at a QTH with a good view, proof that it can be done with simple equipment.

Station	Score
NB7W	25
W7AXJ	24
KQ7I	24
KA7KBH	21
KO7B	20
KC7PL	20
KO5C/7	19
KI7F	19
W7JWG	19
K7VDQ	19
KB7CC	14
N7FAW	12
K7NWM	11

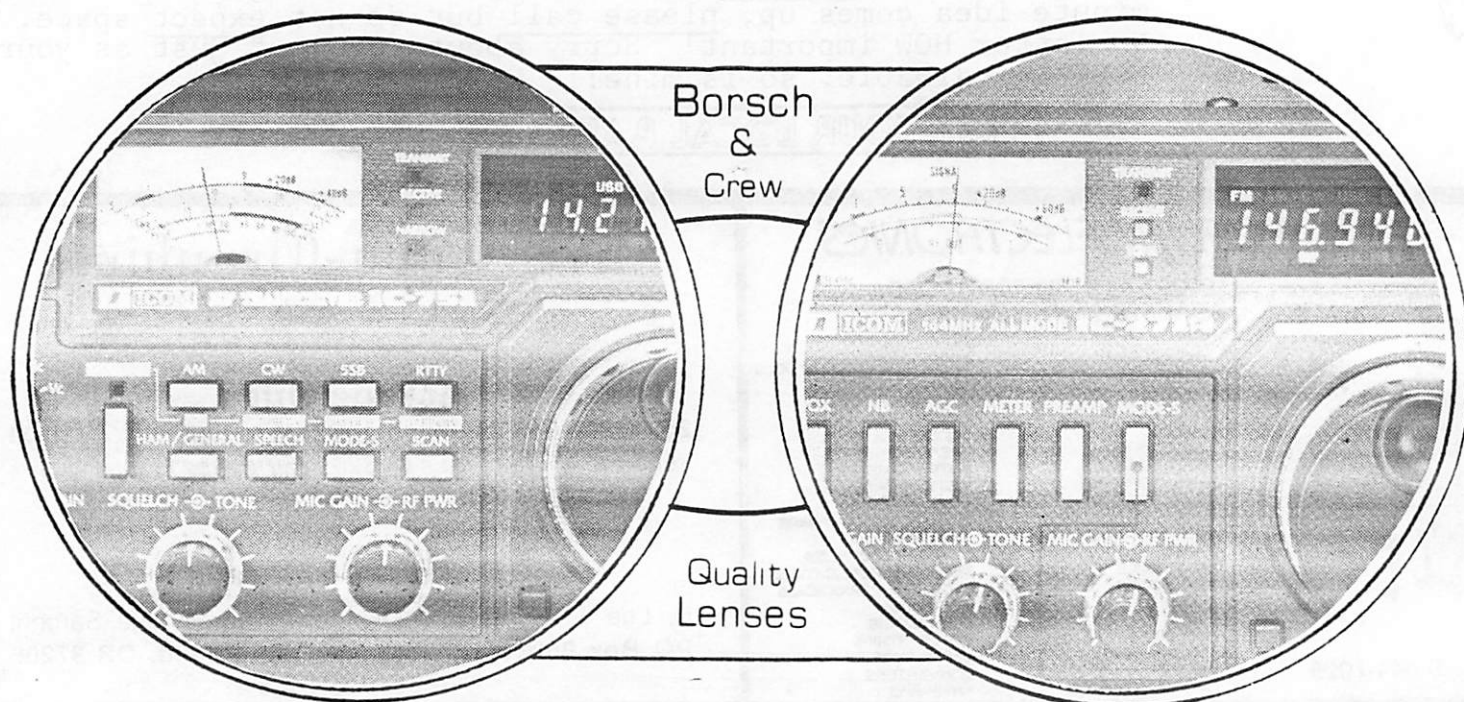
Plaques will be presented at  
the October 12 Meeting.  
de ND7T & KD7LA



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**SHOP WHERE EVERY DOLLAR  
YOU SPEND HELPS SUPPORT YOUR CLUB!**





## BUNNY HUNT SCHEDULE

Sept. 24 ~~Intermediate~~ Bi-Mart lot in Hillsboro  
 Oct. 8 --Advanced --Norths in Beaverton Mall  
 Oct. 22 --Experimentor--Bvtn. Mall or anywhere  
 Nov. 5 --Intermediate--Sears Auto, Wash. Square  
 Nov. 19 --Advanced --Bi-Mart lot in Hillsboro  
 Dec. 3 --Experimentor--Bvtn. Mall or anywhere

## MEETING PROGRAM

Going to be a DANDY!! We are getting another shot at watching 'HERO 1' in action. This time he, she or it will be there. John Grenaway, who is a Robotics instructor in the science dept. of Mt. Hood Community College, will be with us and will run the little guy through it's fascinating paces. As Mr. Grenaway is into robotics, we most likely will get informed about the future of this interesting subject. Most

of us, who have been around for awhile, may recall all of the predictions made about having a slave in every garage. You know; the kind that mows the lawn and mops the floors and etc.. Maybe the art is approaching what has been predicted. The computer age certainly has given robotics a big boost and maybe, just maybe, we all WILL have the ability to own a slave.

We have it all together for this get-together. New meeting place, buffet dinner and a neat FAMILY style program. Bring the spouse and especially the kids. This meeting promises to be a lot of fun. Let's give Mr. Grenaway a big OTVARC welcome. CU there.....

(start thinking about elections-nominate a good prospect-2 months to go)

## TELEVISION SYSTEMS OF THE 1980s

Video systems promise to get far more sophisticated in the near future. In fact there are so many different technologies that they have been reduced to alphabet soup. How many of these do you know about? SMATV, MDS, LPTV, DBS, STV, HDTV, 3DTV, VCR, VDR... and more are coming all the time!

These are Satellite Master Antenna TV (a master antenna with reception obtained direct from satellites - popular for apartment complexes); Multipoint Distribution Service (recently increased by the FCC to 8 channels in a given area); Low Power Television (4000 new stations eventually will be approved); Direct Broadcast Satellites (direct-to-the-home satellite TV); Subscription Television (pay cable or over-the-air TV); High Definition TV (with 1125 scan lines for four times the detail); 3-D Television (twin lens process coming that is compatible with normal TV); Video Cassette and Disc Recorders...

The scramble is on to obtain viewer acceptance. In addition, information and interactive systems such as videotext, teletext and 2-way consumer services (delivered over-the-air and via telephone to your television) will soon be upon us. Your friendly TV will become a Video Information/Entertainment Center and the heart of your home with most of your activities channeled through it.

W5YI

## WHO TO CALL FOR WHAT

Public Service	Mark Cattell	N7CRQ	245-1230
Club Contests			
Public Relations	(needed)		
Club Raffle	Willie Raines	N7DZR	292-1656
Programs	John Haide	WA7CZA	246-8086
Technical	Roger Steyaert	K7RXV	642-1419
Wash. Cty. EC	"	"	"
Club Socials			
Club Jackets	Paul Lucas	WB6SHR	641-8703
ARRG INFO	Warren Winner	W7JDT	644-0752
Club Badges	"	"	"
Roster Changes	Linda Cereghino	N7CZY	643-5862
Ham Classes	"	"	"
Bunny Hunts	Bob Orr	KB7CC	297-2732
ARRL Membership	Mark Cattell	N7CRQ	245-1230
Club Library	John Koenig	NB7W	641-7535
Club Scrapbook	(needed)		
Convention	(needed)		
Newsletter	Al Berg	WB7SIC	640-5456
ARRL Assist. Dir.	"	"	"

## DON'T FORGET !!!

Our meetings will be on the SECOND WEDNESDAY of the month. The Oct. meeting is on the 12th. If you have anything for the 'letter', do it by the 25th. TNX.



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